

# IWSSIP 2010

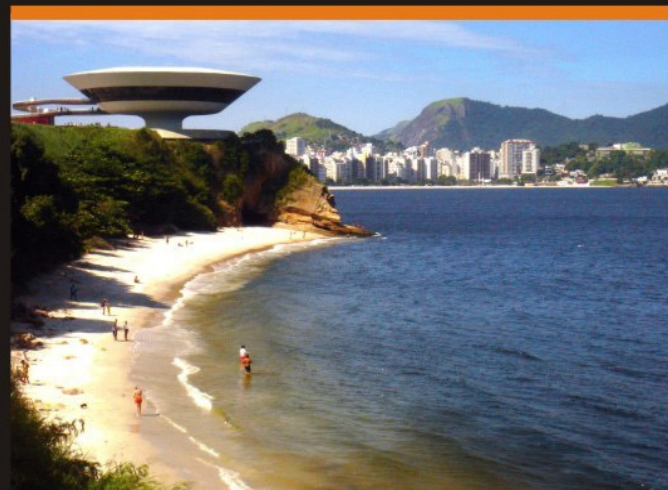
## Rio de Janeiro - Brazil

<http://www.ic.uff.br/iwssip2010>

The 17th International Conference on Systems, Signals and Image Processing, IWSSIP 2010 is co-organised by the UFF, Rio de Janeiro, Brazil, (June 17-19) in co-operation with SBC and IEEE Region 9, Latin American.

### SCOPE

- 1. Signal Processing:** General techniques and algorithms; Filter Bank Theory; Non-linear Systems; Digital Transforms; Multidimensional Signal Processing; Pattern Recognition.
- 2. Technologies:** Neural Networks; Fuzzy Systems; Expert Systems; Genetic Algorithms; Data Fusion.
- 3. Multimedia Content Processing:** Speech Processing and Recognition; Audio Enhancement; Restoration and Analysis; Image Representation and Modelling; Image Restoration and Enhancement; Colour Vision; 3D Vision; Image and Video Analysis; Pattern Recognition; Watermarking; New Media.
- 4. Multimedia Data Compression:** Speech and Audio Compression; Image and Video Coding; Scalable Techniques; Standards.
- 5. Multimedia Systems:** Human Factors; Multimodal Interfaces; Networked Multimedia; Seamless Audiovisual Networks; Multimedia Services; Multimedia Servers; Multimedia Streaming; Wireless and Mobile Multimedia; Universal Multimedia Access; Right Protection and Management.
- 6. Content Description:** Metadata and Media Abstracts; Audiovisual Databases.
- 7. Computer graphics and visualization:** Computer vision; integral photography; image processing and pattern recognition; GPU computation; graphical human computer interfaces; geometric modeling; computer aided geometric design; computational geometry; animation and graphical interaction; object oriented graphics; parallel and distributed graphics; GIS systems and others.
- 8. Implementations:** Analog and Digital Circuits and Systems for Audio; Image and Video Processing; Architectures and VLSI Hardware; Programmable Signal Processors; Real-time Software.
- 9. Applications:** Bioinformatics; Broadcasting; Control; Communications; Digital Production; Medical; Opto-mechatronics; Remote Sensing; Robotics; Speech; Television; Telepresence; e-learning; Virtual Reality; Digital Microscopy; Materials Characterization; Educational Systems; System Evaluators.



### Important dates

Paper submission: January 23, 2010  
Notification of Acceptance: February 25, 2010  
Early registration : March 15, 2010  
Camera ready papers: March 15, 2010  
Registration deadline: March 15, 2010  
Conference: June 17-19, 2010

